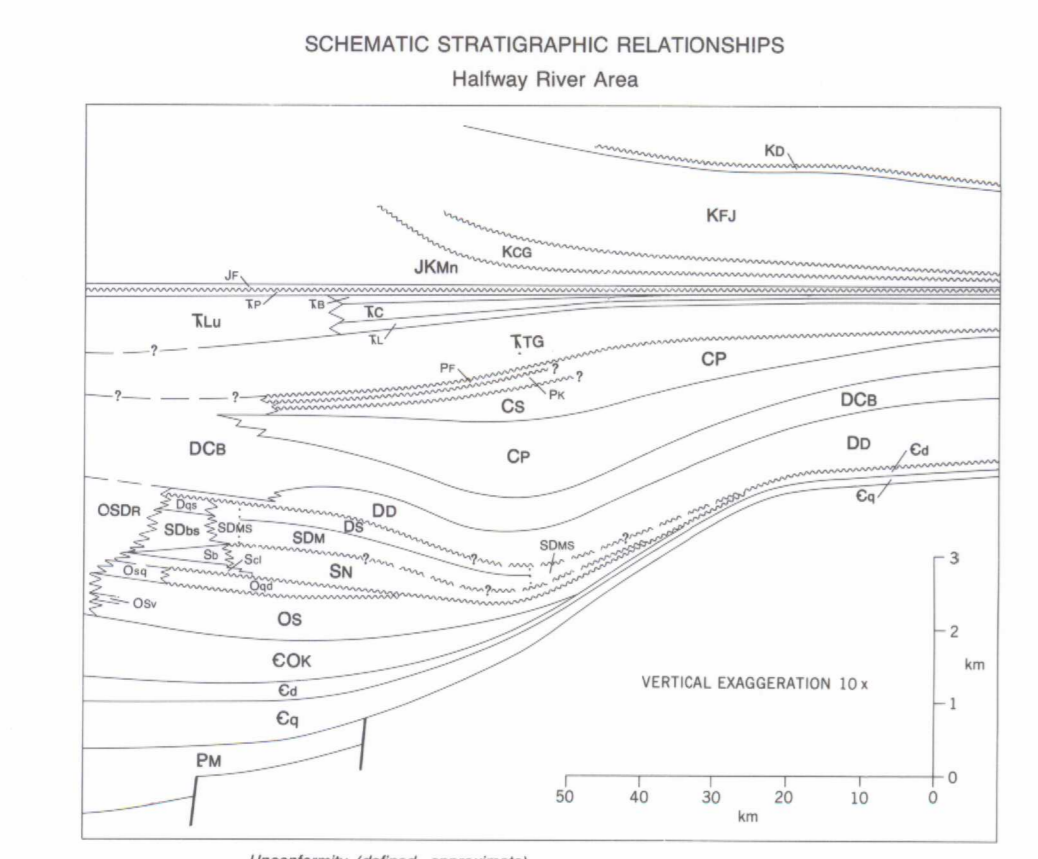
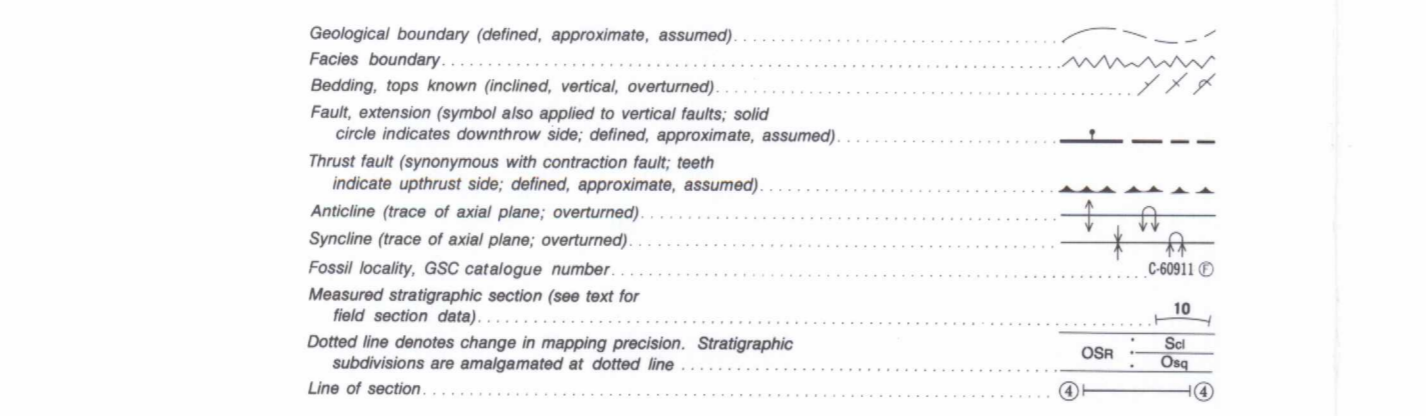


LEGEND  
 EAST WEST  
 Weighted legend books indicate map units that appear on this map

<b>QUATERNARY</b> PLEISTOCENE AND RECENT Qm Gravel, sand, silt, clay, and loess			
<b>CRETACEOUS</b> UPPER CRETACEOUS (Crommanian) Kd DUVEGAN FORMATION: sandstone, shale, and conglomerate			
LOWER CRETACEOUS (Anahim) AND UPPER CRETACEOUS (Crommanian) FORT ST. JOHN GROUP (Kf-Ku)			
Ksu SULLY FORMATION: acidic shale, siltstone, marne; includes some Upper Cretaceous beds at the top			
Ksk SKANNI FORMATION: fine grained sandstone; minor shale, coal, and conglomerate; marne			
Kku KILGROSS FORMATION: dark grey, concretionary shale; marne			
Kka GATES FORMATION: massive to thick bedded sandstone; siltstone and shale; silt mudstone			
Kkm MOOSEBAR FORMATION: dark grey shale; marne			
LOWER CRETACEOUS (Beranman-Apian) BULLHEAD GROUP (Kcdm/Kcdu) Kcd GETTING FORMATION: fine grained sandstone; minor shale, coal, and conglomerate; marne and nonmarne			
Kcdu CADOMN FORMATION: massive conglomerate and conglomeratic sandstone; nonmarne			
<b>JURASSIC AND CRETACEOUS</b> UPPER JURASSIC (I) AND LOWER CRETACEOUS (Tribonian-Viduaian) MINNES GROUP (Jkm-Jku)			
Jkb BUCKINGHAM FORMATION: interbedded, fine grained sandstone and shale			
Jkm MONTEITH FORMATION: massive, quartzitic sandstone; may include some Jurassic strata			
Jkb BEATTIE PEAKS FORMATION: interbedded, fine grained sandstone and shale; marne. May possibly include Minnes Group equivalents			
Jkm MONTEITH FORMATION: massive, quartzitic sandstone; may include some Jurassic strata			
<b>JURASSIC</b> LOWER AND UPPER JURASSIC (Beranman-Tribonian) Jf FERME FORMATION: phosporitic and siliceous shales; siltstone; minor sandstone, marne			
<b>TRASSIC</b> UPPER TRASSIC (Nepain) Tpd PARONNET FORMATION: carbonaceous and argillaceous limestone; silt limestone, calcareous and dolomitic siltstone			
Tp BALDOWNE AND PARONNET FORMATIONS (undivided)			
UPPER TRASSIC (Karnian) Tb BALDOWNE FORMATION: massive limestone and dolomite with siltstone and sandstone interbeds			
Tc CHARLE LAKE FORMATION: dolomitic and calcareous sandstone, siltstone, sandy limestone, dolomite, and minor shale, coal, and conglomerate			
Tl LARD AND CHARLE LAKE FORMATIONS (undivided)			
MIDDLE AND UPPER TRASSIC (Ladinian-Karnian) Lard FORMATION: massive, dolomitic to calcareous sandstone, siltstone and dolomitic siltstone; minor dolomite (structure section)			
LOWER AND MIDDLE TRASSIC (Givetian-Ladinian) Tg TONG AND GRADLENS FORMATIONS: calcareous siltstone, silty limestone, silty shale; minor silty dolomite and calcareous sandstone			
<b>PERMIAN</b> LOWER AND UPPER PERMIAN (Artinskian-Wendian) Pp FAYATSCHE FORMATION: massive, grey chert containing abundant bryozoa (structure section)			
LOWER PERMIAN (Wendian-Berensian) Pk KINLO FORMATION: siliceous shale and limestone; mapped as part of the Stoddart Group (structure section)			
<b>CARBONIFEROUS AND PERMIAN</b> LOWER CARBONIFEROUS TO UPPER PERMIAN STODDART GROUP AND FAYATSCHE FORMATION (undivided)			
LOWER CARBONIFEROUS (Visean-Lower Namurian) Stoddart Group Cs1 CHARLE LAKE FORMATION: shale, sandstone, limestone, and siltstone (structure section)			
LOWER CARBONIFEROUS (Lower Tournaisian-Lower Visean) Cp1 PROPHET FORMATION (undivided): massive limestone, dolomite, chert			
Cp2 Upper unit: massive, light grey limestone, and chert			
Cp1 Lower and middle units: limestone, chert, dolomite, shale, and siltstone			
<b>DEVONIAN AND CARBONIFEROUS</b> UPPER DEVONIAN-LOWER CARBONIFEROUS Dcb1 DUNDAS FORMATION: calcareous shale, siltstone, calcareous siltstone, silty limestone, and limestone; limestone marble unit (Dcb1): limestone, and silty, nodular limestone			
<b>DEVONIAN</b> MIDDLE DEVONIAN Dd DUNDAS FORMATION: limestone, dolomite, argillaceous limestone, secondary, coarsely crystalline dolomite			
LOWER AND MIDDLE (?) DEVONIAN Dd2 STONE FORMATION (undivided): dolomite, dolomitic quartz sandstone, quartz sandstone, medium to thick bedded light grey and light ochre			
Dd1 Lower unit: medium to thick bedded, ochre and grey weathering, sandy sandstone and dolomite; quartz sandstone			
<b>SILURIAN (?) AND DEVONIAN</b> UPPER SILURIAN (?) AND LOWER DEVONIAN Sdm MUNCHO-MACDONNELL FORMATION: thick bedded to massive, light grey dolomite and sandy dolomite			
<b>SILURIAN</b> LOWER SILURIAN (Llandoveryan) Sn NORDA FORMATION: dolomite; limestone; carbonaceous limestone and dolomite; black chert nodules and lenses			
<b>ORDOVICIAN</b> UPPER ORDOVICIAN (Llanabochian) Osp Quartzite dolomite unit: quartzite, dolomitic quartz sandstone, micropellicular dolomite with black chert nodules; carbonaceous, nodular limestone			
Osb LOWER AND MIDDLE ORDOVICIAN (Llanvirnian-Caradocian) OSB1 BROW FORMATION: dolomite, carbonaceous and argillaceous dolomite, argillaceous limestone, dolomitic siltstone; volcanic marker unit (OSB1): basaltic flow, pyroclastic, reworked volcanic sandstone and conglomerate			
<b>CAMBRIAN AND ORDOVICIAN</b> UPPERMOST CAMBRIAN AND LOWER ORDOVICIAN (Tempelesian-Arenigian) Kc1 Cambrian: calcareous shale and shale; silty limestone; wavy bedded limestone; sandstone; minor green weathering, altered volcanic beds			
MIDDLE CAMBRIAN Kc2 Dolomite unit: medium crystalline dolomite; sandy dolomite			
LOWER CAMBRIAN Kc3 Quartzite unit: orthoquartzite; calcareous shale, silty quartzite; siltstone, shale. Possible equivalent of the Bing Group			
<b>UPPER PROTEROZOIC</b> MICHICANCA GROUP Pm1 PLYMOUTH FORMATION: phyllite and schistose pelite; quartzite; minor limestone; Carboniferous marker unit (Pm1): massive limestone and dolomite; Possible equivalent of the Bing Formation			



<b>DEVONIAN (LOWER?) AND MIDDLE DEVONIAN (Tribonian)</b> Dd1 Dolomitic quartz sandstone unit: quartz sandstone with dolomite cement	
<b>SILURIAN AND DEVONIAN</b> UPPER SILURIAN AND LOWER DEVONIAN (Llandoveryan into Tribonian) Sdm1 Brown siltstone unit: calcareous shale, limestone; quartz sandstone; and chert	
<b>SILURIAN</b> LOWER SILURIAN (Llandoveryan) Sn1 Breccia unit: breccia composed of angular, silty dolomite clasts in dolomite cement; chert lenses; carbonaceous limestone and dolomite beds near base	
<b>ORDOVICIAN AND SILURIAN</b> MIDDLE ORDOVICIAN TO LOWER SILURIAN Osb1 Dolomitic shale-quartzite unit: shale, calcareous shale, siltstone, argillaceous limestone and quartz sandstone turbidite	
<b>ORDOVICIAN</b> MIDDLE AND UPPER ORDOVICIAN (Caradocian into Llanabochian) Osp1 Dolomitic shale-quartzite unit: shale, calcareous shale, siltstone, argillaceous limestone and quartz sandstone turbidite	



Geology by R.L. Thompson 1975-76, assisted by Douglas Hoopes and Robin Day, 1975 and Scott Footage and Neil Godfrey, 1975  
 Geological compilation by R.L. Thompson  
 Geological cartography by B.H. Cross, Institute of Sedimentary and Petroleum Geology, Geological Survey of Canada  
 Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada  
 See maps of the same scale published by the Surveys and Mapping Branch in 1983  
 Copies of the topographical edition covering this map area may be obtained from the Canada Map Office, Department of Energy, Mines and Resources, Ottawa, Ontario, K1A 0S9  
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 Thompson, R.L. 1987. Geology, Mount Lady Laurier, British Columbia. Geological Survey of Canada. Map 6-1986, scale 1:50 000.  
 Elevation in feet above mean sea level  
 Approximate magnetic declination 1986: 20°4' East, increasing 18.4' annually



MAP 6-1986  
 GEOLOGY  
**MOUNT LADY LAURIER**  
 BRITISH COLUMBIA  
 Scale 1:50 000  
 Kilometres 1 2 3 4  
 Transverse Mercator Projection  
 UTM 12Q1, Scale Factor 0.9998  
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